OIPE IAP12
JAN 22 2008
PATENT & TRADEMARK OFFICE

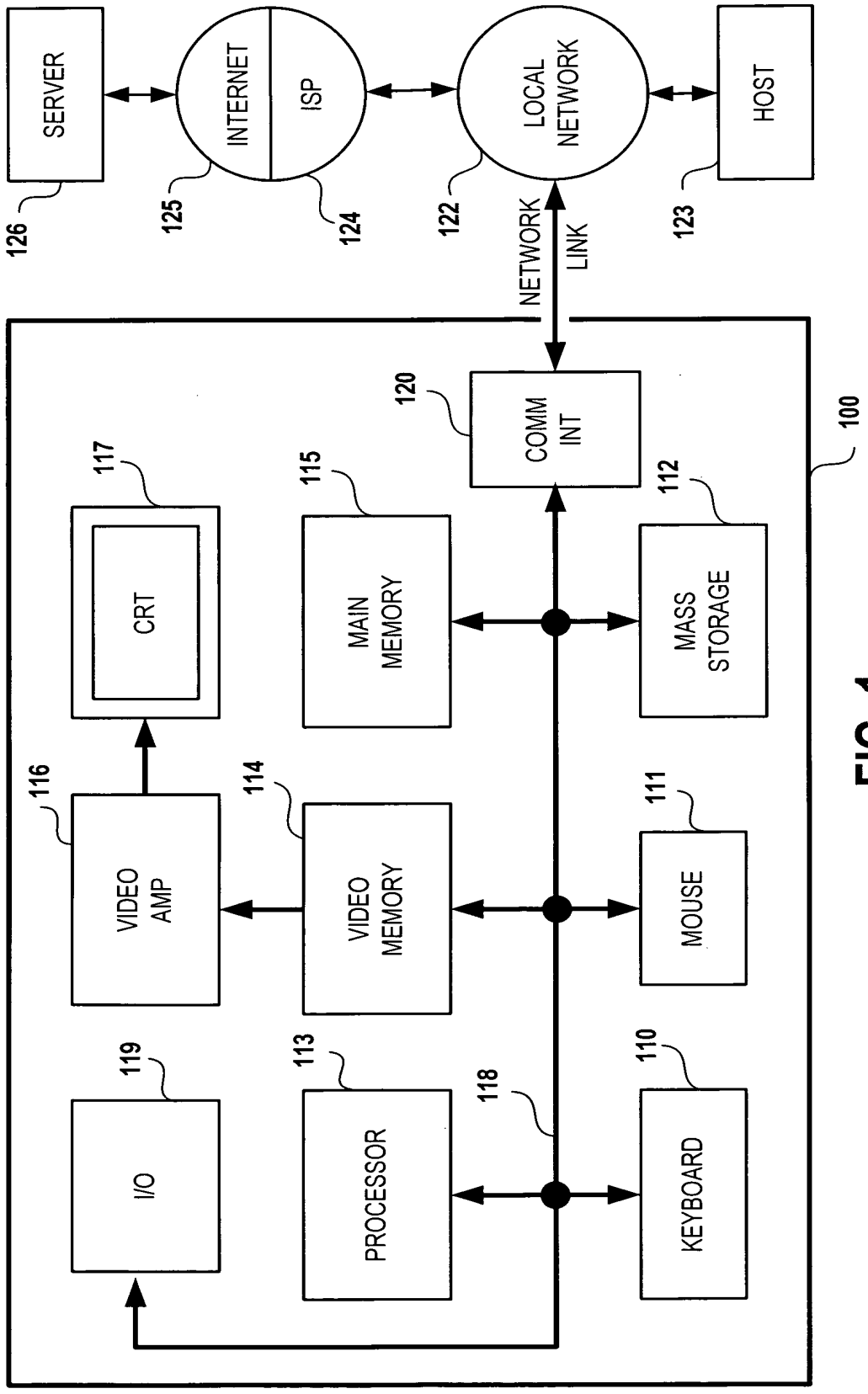

FIG. 1

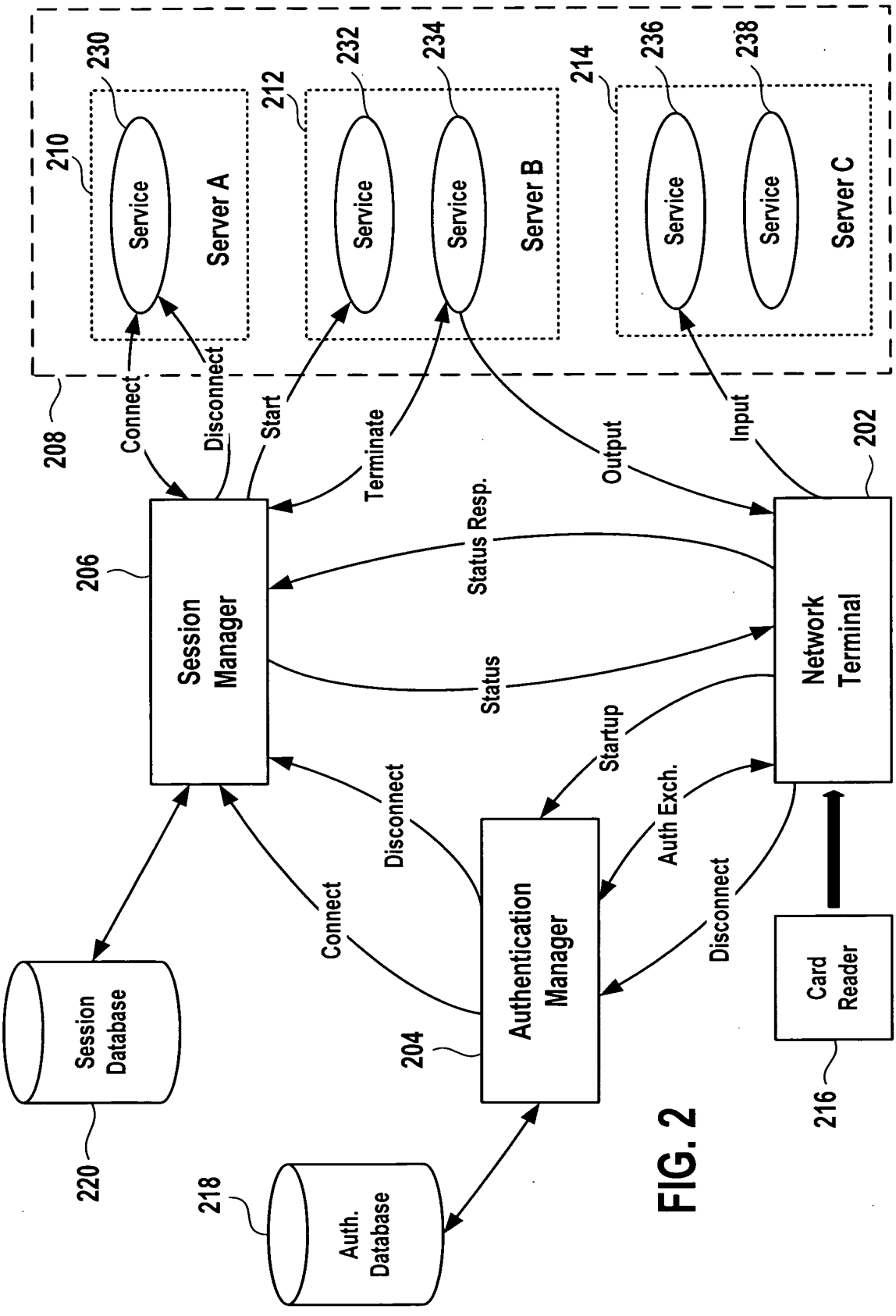
210
230
Service
Server A
212
232
234
Service
Service
Server B
214
236
238
Service
Service
Server C
208
Connect
Disconnect
Start
Terminate
Output
Input
202
206
Session Manager
Status Resp.
Status
Network Terminal
Startup
Auth Exch.
Disconnect
Connect
Disconnect
Disconnect
Session Database
220
Authentication Manager
204
Card Reader
216
218
Auth. Database

FIG. 2

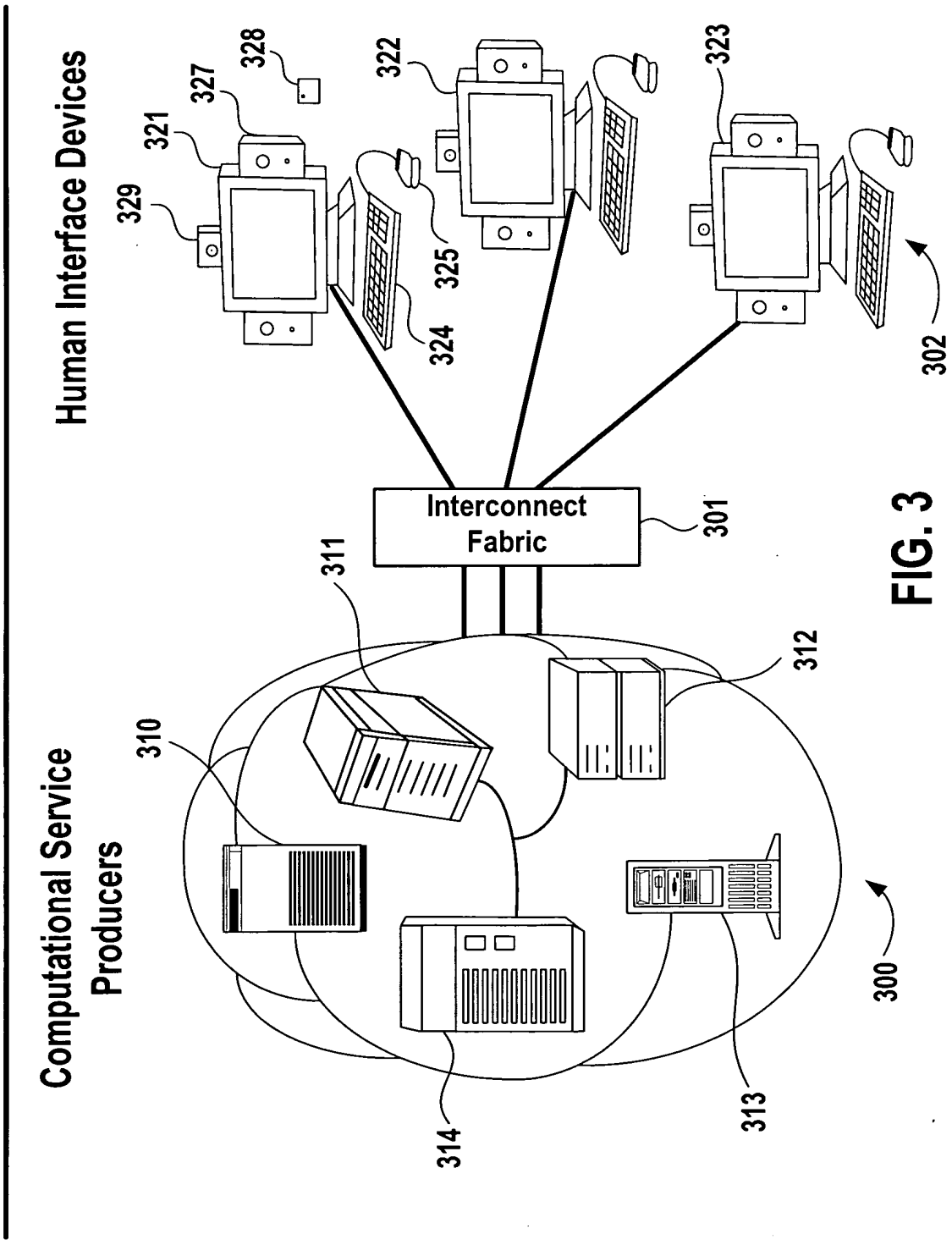
Human Interface Devices
Computational Service Producers
Interconnect Fabric
301
302
300
310
311
312
313
314
321
322
323
324
325
327
328
329

FIG. 3

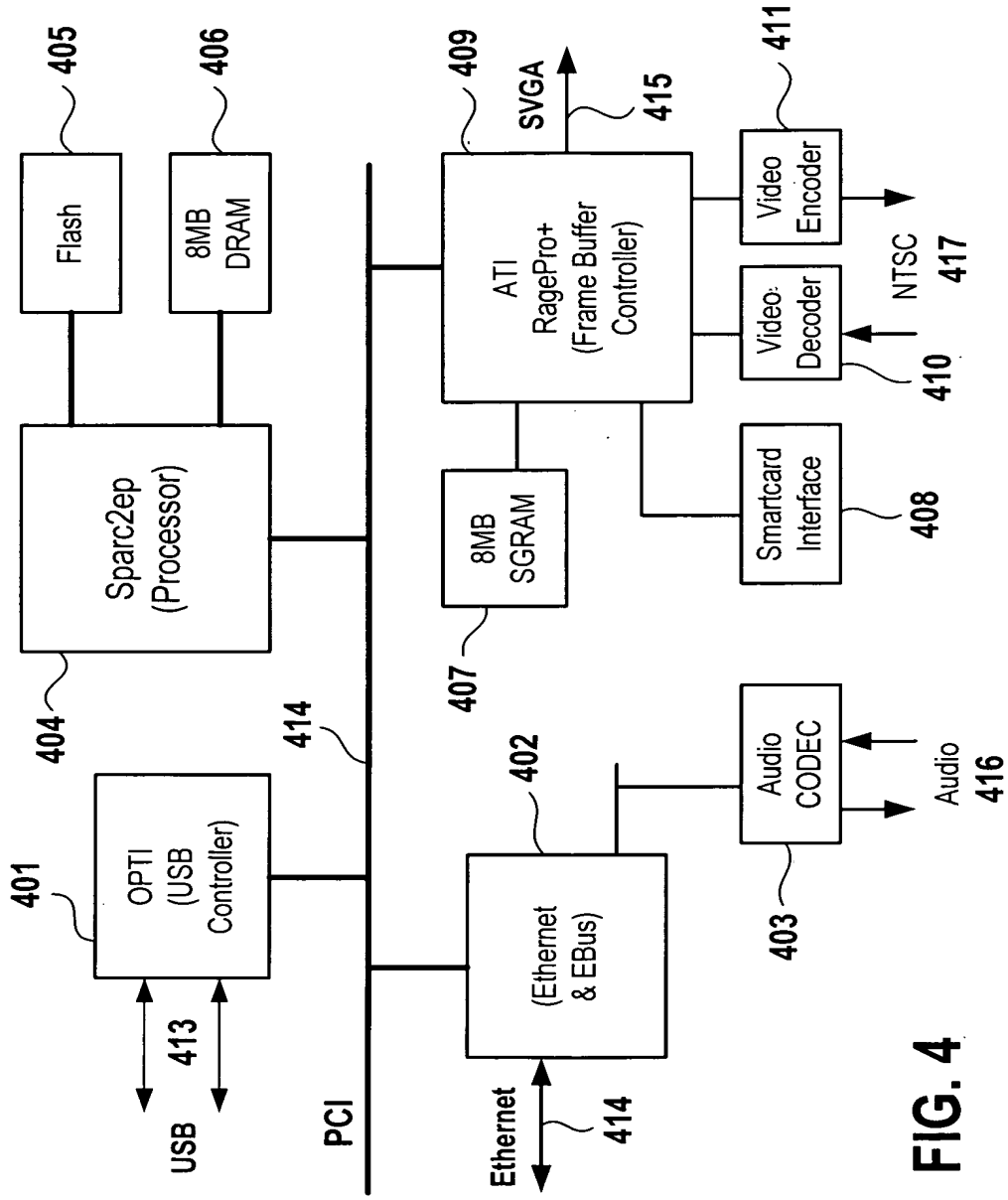
405
406
409
SVGA
415
411
Flash
8MB DRAM
ATI RagePro+ (Frame Buffer Controller)
Video Encoder
NTSC
417
Video Decoder
410
Sparc2ep (Processor)
8MB SGRAM
Smartcard Interface
408
404
414
407
402
Audio CODEC
Audio
416
401
OPTI (USB Controller)
(Ethernet & EBus)
403
413
USB
PCI
Ethernet
414

FIG. 4

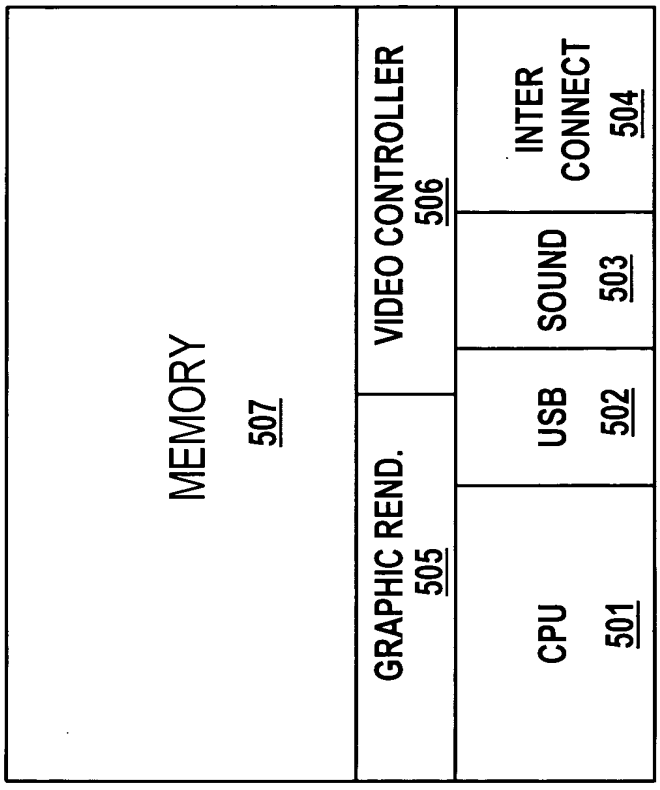
MEMORY
507
GRAPHIC REND.
505
VIDEO CONTROLLER
506
CPU
501
USB
502
SOUND
503
INTER
CONNECT
504

FIG. 5